Sharkoon

REBEL9 PRO

Handbuch
Manual
Manuel d'utilisation
Guia usario
Manuale d´istruzioni
Gebruiksaanwijzing
Guia usário
Instukcja obstugi
使用手冊

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Dear customer!

Congratulations for purchasing one premium quality SHARKOON product.
For a long life time and to take full advantage of this product we recommend that you read this manual completely.

Have a good time with our product!
SHARKOON Technologies GmbH

1. Features

- Midi ATX case
- 9x 5.25" drive bays (6x external)
- Top I/O with 2x USB2.0, 1x eSATA, 1x headphone and 1x microphone connector, power and reset button
- 7 slots for add-on cards
- Plastic front panel with air inlet, drive bay covers in mesh design
- Quick fasteners for optical drives, mainboard mounting with installation opening for coolers
- 2 openings for water cooling
- Cable management system
- Fan configuration:

	Economy Edition	**Value Edition**
Case front	1x 120 mm fan (optional)	1x 120 mm fan with LED as well as 3-pin and 4-pin connector (pre-installed)
Side panel	2x 120 mm fan (optional)	1x 250 mm fan with LED, rpm controller and 4-pin connector (pre-installed)
Back side	1x 80 mm or 1x 120 mm fan (optional)	1x 120 mm fan (pre-installed)
Top panel	1x 120 mm or 1x 140 mm fan (optional)	1x 120 mm or 1x 140 mm fan (optional)

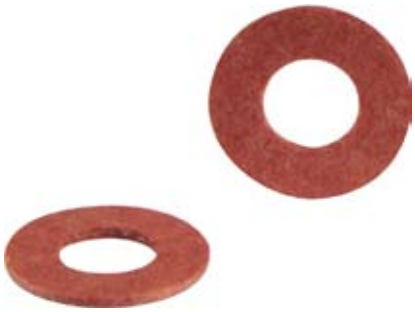
- Dimensions: 475 x 202 x 440 mm (L x W x H)
- Weight: ~6 kg

2. Package content

- Rebel 9 Pro Economy (no fans pre-installed) or Value Edition (1x 120 mm fan in the case front, 1x 120 mm fan in the case back side and 1x 250 mm fan in the side panel pre-installed)
- Screw kit:

Screws for mainboard mounting	Screws for PSU mounting	Screws for drive mounting (3.5" and 5.25")	Screws for HDD mounting

- Accessory kit:

		
Stand-offs for mainboard	Washers	Lock attachment (A) and speaker (B)

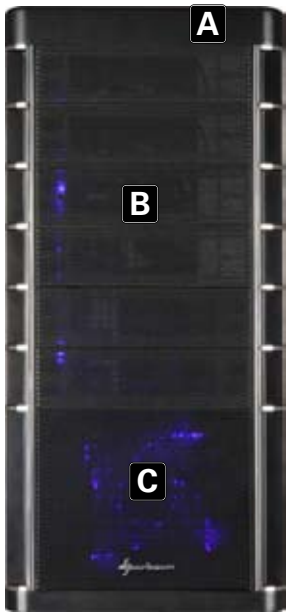
Mounting angles for HDDs (with decoupling / A) and 3.5" devices (not decoupled / B)	

Quick fasteners for ODDs	5.25" bezel with 3.5" opening

Note:
If you are missing any of the items listed above, please contact customer service via e-mail at support@sharkoon.com or call + 49 (0) 6403 – 775 6100.

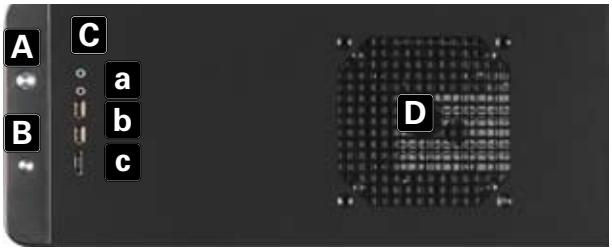
3. The case at a glance

Front view



A – LED for HDD activity
B – 5.25" drive bays
C – behind the mesh bezel: pre-installed 120mm fan (only Value)

View from above



Front panel:
A – Power and
B – Reset button

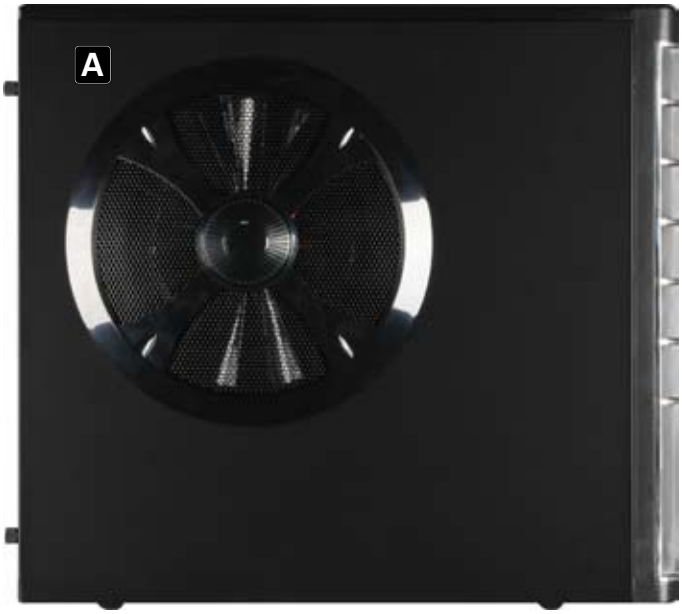
Case top:
C – Top I/O with:
- a – 1x headphone and microphone connector
- b – 2x USB2.0 and
- c – 1x eSATA connector

D – Fan bracket

Side view (closed/left, Economy)

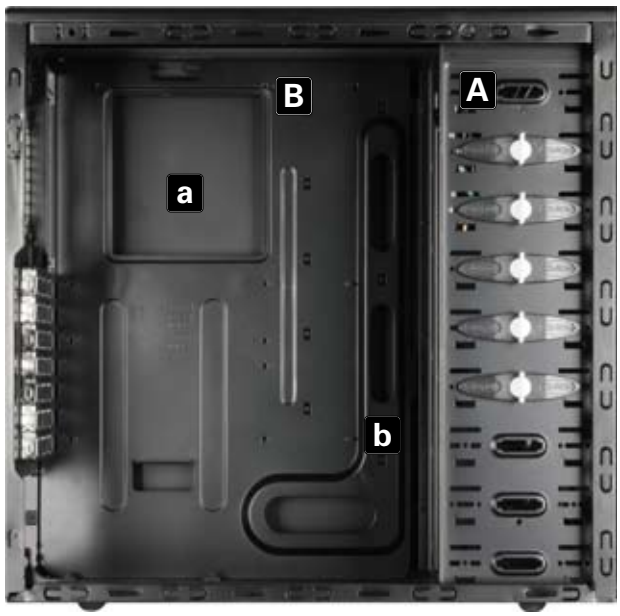
A – Fan brackets (120 mm)

Side view (closed/left, Value)



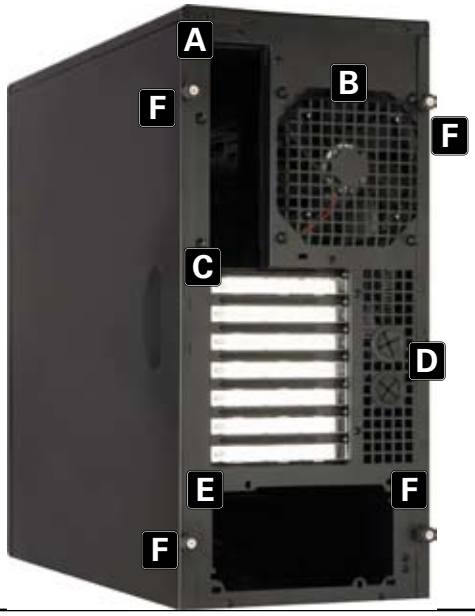
A – Pre-installed, adjustable 250 mm fan

Side view (opened/left)



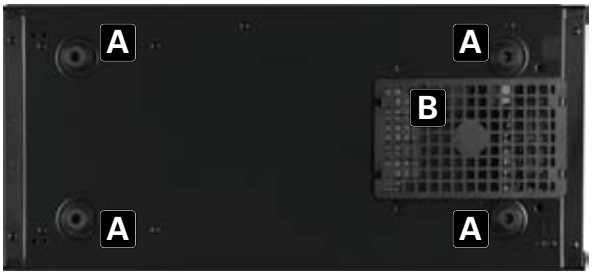
A – Drive bays for 5.25" devices
B – Mainboard mounting panel with:
  a – Installation opening for CPU coolers and
  b – Cable management system

Back side



A – Opening for I/O shield
B – Fan bracket (Economy) or pre-installed 120 mm fan (Value)
C – Slot bezels
D – Openings for water cooling
E – PSU bracket
F – Thumb screws

Bottom view



A – Case feet
B – Air intake for PSU

Note:
For more information on how to install the intended devices, refer to their respective documents.

4. Installation of a mainboard

1. Open the case by loosening the thumb screws on the case's back side and removing the left side panel. Lay down the case sidewise on an even surface.
2. The mainboard's mounting panel inside the case provides various drillings to fix the stand-offs (fig. 1).

fig. 1

The mainboard contains special screw openings (fig. 2).

fig. 2

Place the mainboard to the mounting panel. A stand-off must be screwed into every drilling of the mounting panel visible through the mainboard's screw openings.

3. Remove the mainboard and screw the stand-offs into the respective drillings of the mounting panel (fig. 3).

(Stand-offs)

Fig. 3

4. Press the I/O shield (delivered with the mainboard) into the I/O shield opening in the case's back side.

5. Place the mainboard back onto the stand-offs and screw the mainboard to them (fig. 4).

(Screws for mainboard mounting)

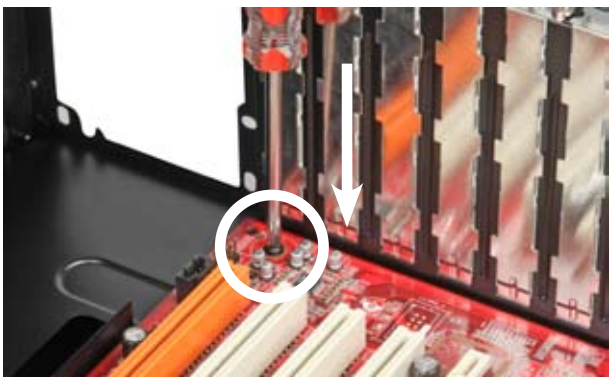


fig. 4

6. Plug the connectors of the case's front bezel to the respective connectors of the mainboard (also refer to your mainboard's manual for further information).

   Note:
   The eSATA cable connected to the front eSATA connection should not exceed 50 cm of length otherwise transmission errors may occur! With premium quality eSATA cables this maximum length may be exceeded.

5. Installation of a PSU

1. Set up the case in front of you and put the PSU from the inside against the PSU bracket on the case's back side (fig. 5).

fig. 5

2. Screw the PSU to the case from the outside (fig. 6).

(Screws for PSU mounting)

fig. 6

6. Installation of a HDD

1. Remove the case's right side panel.
2. Attach the decoupled mounting angles to the HDD from both sides (fig. 7).

(Screws for HDD mounting)

(Decoupled mounting angles)

fig. 7

3. Slide the HDD with attached mounting angles into the case's respective drive bay and screw it from both sides (fig. 8).

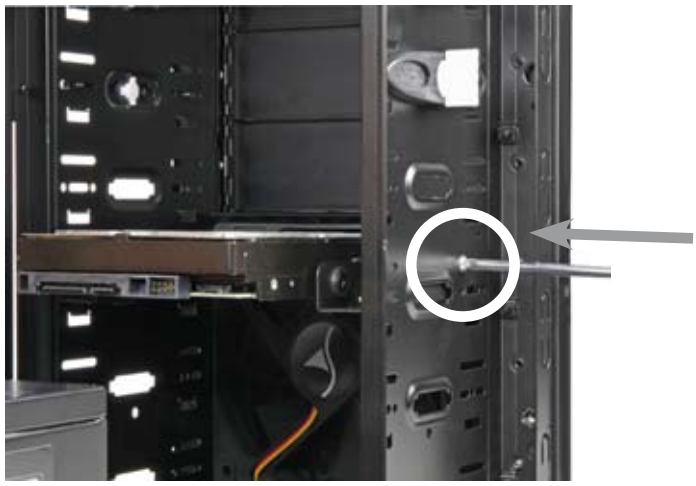


fig. 8

4. Connect the HDD to the power supply and the mainboard.

7. Installation of an optical device

1. Remove the case's front panel by gently dragging it towards you (fig. 9).

fig. 9

2. Dismantle the 5.25" front bezel from the mounting bay in which you intend to install the drive by loosening its screws and pushing the bezel to the inside (fig. 10). Remove the quick fasteners (fig. 11).

fig. 10

fig. 11

(Carefully take out an optionally present metal bezel covering the 3.5" drive bay by using a gripper.)

3. Slide the optical drive into the case's drive bay (fig. 12).

fig. 12

4. Attach the optical device from both sides using the quick fasteners (fig. 13).

fig. 13

Note:
If you intend to transport the case we recommend securing (additionally) the installed drives:

Screws for 5.25" drive mounting

5. Connect the optical drive to the power supply and the mainboard. (Put the front bezel back onto the case.)

8. Installation of a 3.5" device

(1. Remove the case's front panel by gently dragging it towards you.)
2. Dismantle the 5.25" front bezel from the mounting bay in which you intend to install the drive by loosening its screws and pushing the bezel to the inside (fig. 14). Remove the quick fasteners (fig. 15).

fig. 14

fig. 15

(Carefully take out an optionally present metal bezel covering the drive bay by using a gripper.)

3. Screw the mounting angles to the 3.5" device from both sides (fig. 16).

fig. 16

4. Slide the 3.5" device with attached mounting rails into the case's drive bay (fig. 17) and screw it to the drive bay from both sides (fig. 18).

fig. 17

fig. 18

5. Connect the 3.5" device to the power supply and the mainboard.
6. Screw the 5.25" bezel with 3.5" opening into the front panel (fig. 19) and place it back onto the case.

5.25" bezel with 3.5" opening

fig. 19

9. Installation of an add-on card

1. Remove the slot bezel's fixation screw and take away the slot bezel (fig. 21).

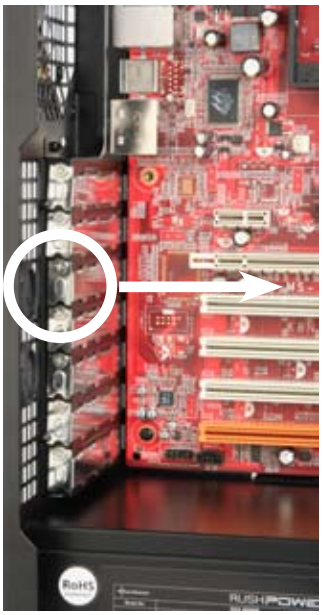


fig. 21

2. Insert the add-on card into the mainboard's respective slot and fix it to the case by re-attaching the fixation screw (fig. 22).

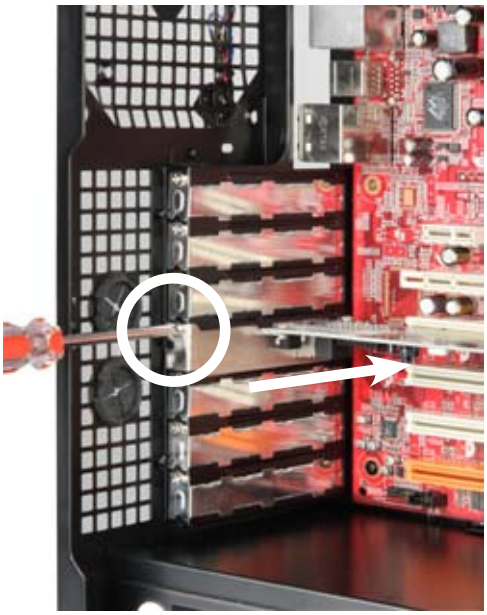


fig. 22

10. The pre-installed fans (only Value)

1. The pre-installed 120 mm fans provide a 4-pin PSU connector and a 3-pin mainboard plug each.
2. Connect one of both plugs to either the respective PSU or (to control the fan speed via the mainboard) the matching mainboard connector.

11. Installation of additional fans / optimized airflow

1. Place the fan against the respective bracket from the inside (e.g. in the top panel / fig. 23).

fig. 23

2. Screw the fan to the attachment from the outside (fig. 24).

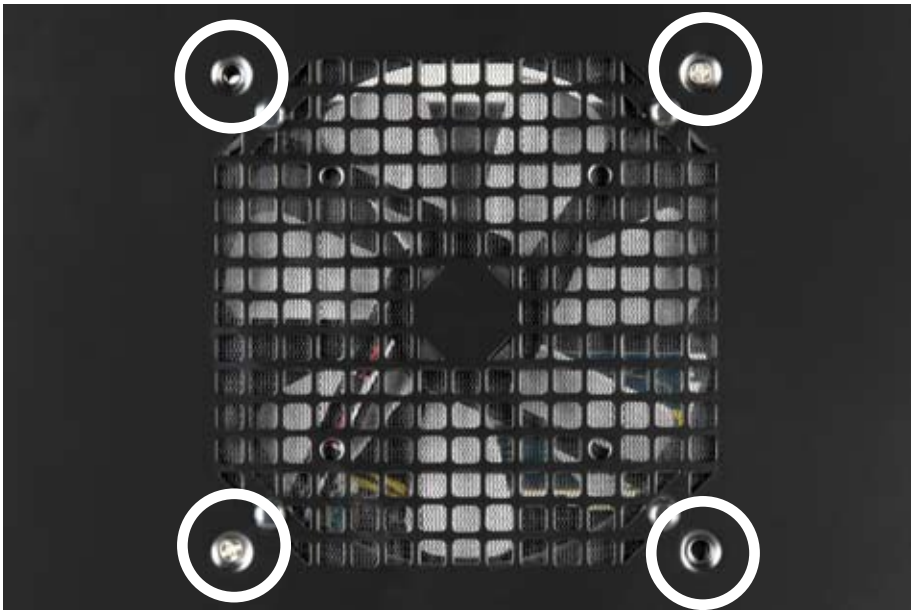


fig. 24

Note:
The Rebel 9 Pro case offers a lot of possibilities to install fans.
While installing fans make sure that (cool) air is taken in on the case's front side/bottom and blown out on its back side/top. The PC components with the highest heat development should be placed directly within the airflow.

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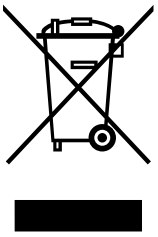

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Please be informed about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

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